

# Anti-PKC gamma 兔多克隆抗体

K1346644 -20°C



## 产品信息

蛋白质全称	蛋白激酶 C $\gamma$ 型
别名	PKC gamma, PKCC, PKCG, PRKCG, Protein kinase C gamma type, protein kinase C, gamma, SCA14
免疫原	KLH 偶联的小鼠 PKC gamma 合成肽
Uniprot ID	P63318
抗体亚型	IgG
纯化方式	亲和纯化
预测分子量 / 观测分子量	78 kDa / 80 kDa

## 应用

### WB 免疫印迹

物种: 小鼠, 大鼠

稀释比: 1: 300-1: 400

阳性样品: 脑

## 背景

Calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that plays diverse roles in neuronal cells and eye tissues, such as regulation of the neuronal receptors GRIA4/GLUR4 and GRIN1/NMDAR1, modulation of receptors and neuronal functions related to sensitivity to opiates, pain and alcohol, mediation of synaptic function and cell survival after ischemia, and inhibition of gap junction activity after oxidative stress. Binds and phosphorylates GRIA4/GLUR4 glutamate receptor and regulates its function by increasing plasma membrane-associated GRIA4 expression. In primary cerebellar neurons treated with the agonist 3,5-dihydroxyphenylglycine, functions downstream of the metabotropic glutamate receptor GRM5/MGLUR5 and phosphorylates GRIN1/NMDAR1 receptor which plays a key role in synaptic plasticity, synaptogenesis, excitotoxicity, memory acquisition and learning. May be involved in the regulation of hippocampal long-term potentiation (LTP), but may be not necessary for the process of synaptic plasticity.

## 储存条件

**储存条件:** 自收到之日起 -20°C下储存一年, 避免反复冻融。  
**储存缓冲液:** 含 0.15% ProClin300 防腐剂, 100  $\mu$ g/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

## 图像



WB 检测 PKC gamma 蛋白 (货号 K1346644).  
 样品: 经 RIPA 裂解液 (货号 KSG2002) 处理的蛋白质。  
 封闭: 3% 脱脂牛奶 (货号 KSGC310001) 溶于 TBST 溶液, 室温孵育 1 小时。  
 一抗: 1: 300 稀释, 4°C 孵育过夜。  
 二抗: HRP 标记山羊抗兔 IgG (H+L) (货号 KB69909), 1: 5000 稀释, 室温孵育 1 小时。

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